



## DECLARATION OF DR. H. STEPHEN EWART

I hereby declare and state as follows:

- 1) I am currently employed at Ocean Nutrition Canada, Ltd. in the capacity of Senior Research Scientist.
- 2) I am familiar with pending United States patent application Serial Number 09/385,834 entitled "A Nutritional Supplement for Lowering Serum Triglyceride and Cholesterol Levels" and I am currently responsible for the research project from which this patent application arose.
- 3) My qualifications as a scientist are as follows:

### **Education**

09/87 - 09/93 Ph.D. in Biochemistry, Memorial University of Newfoundland  
09/84 - 05/86 M.Sc. in Biology, Mount Allison University  
09/79 - 04/83 B.Sc. (Honours) in Biology, Mount Allison University

### **Employment in Research**

04/99 – present Senior Research Scientist - Ocean Nutrition Canada Ltd.  
Halifax, Nova Scotia  
04/96 – 03/99 Postdoctoral fellow, Department of Pharmacology & Therapeutics  
University of Calgary - Calgary, Alberta  
10/93 - 03/96 Postdoctoral fellow, Division of Cell Biology  
Hospital for Sick Children - Toronto, Ontario  
05/86 - 07/87 Research assistant, Department of Biology  
Mount Allison University - Sackville, New Brunswick

### **Honours and Awards**

09/93 - 09/95 Hugh Sellers Postdoctoral Fellowship - Banting and Best Diabetes Centre  
1992 Merck Frosst - Canadian Biochemical Society Student Travel Award  
01/88 - 01/91 Memorial University Graduate Student Fellowship  
Memorial University of Newfoundland  
09/80 - 05/83 Wilkinson Scholarship - Mount Allison University  
09/79 - 05/80 Entrance Scholarship - Mount Allison University

### **Publications**

#### **Refereed papers**

Shimoni, Y., Severson, D., and Ewart, H.S. (2000) Insulin resistance and the modulation of rat cardiac K<sup>+</sup> currents. Am J Physiol. (Heart Circ Physiol) 279: H639-H649.

Ewart H.S., Carroll, R., Severson, D.L. (1999) Lipoprotein lipase activity is stimulated by insulin and dexamethasone in cardiomyocytes from diabetic rats. Can. J. Physiol. Pharmacol. 77: 571-578.

Ewart H.S., Severson, D.L. (1999) Insulin and dexamethasone stimulation of cardiac lipoprotein lipase activity involves the actin-based cytoskeleton. Biochem J. 340: 485-490.

Shimoni, Y., Ewart, H.S., Severson, D.L. (1999) Insulin stimulation of rat ventricular K<sup>+</sup> currents requires the integrity of the cytoskeleton. *J. Physiol.* 514: 735-745.

Ewart, H.S., Somwar, R., Klip, A. (1998) Dexamethasone stimulates the expression of GLUT1 and GLUT4 proteins via different signalling pathways in L6 skeletal muscle cells. *FEBS Lett.* 425: 179-183.

Shimoni, Y., Ewart, H.S., Severson, D.L. (1998) Type I and II models of diabetes produce different modifications of K<sup>+</sup> currents in rat heart: role of insulin. *J. Physiol.* 507: 485-496.

Squires, S.A., Ewart, H.S., McCarthy, C., Brosnan, M.E., Brosnan, J.T. (1997) Regulation of hepatic glutaminase in the streptozotocin-induced diabetic rat. *Diabetes* 46: 1945-1949.

Anderson, L.G., Carroll, R., Ewart, H.S., Acharya, A., and Severson, D.L. (1997) Heparin-releasable lipoprotein lipase activity is increased in cardiomyocytes after culture. *Am. J. Physiol.* 273: E759-E767.

Ewart, H.S., Carroll, R., Severson, D.L. (1997) Stimulation of lipoprotein lipase in rat cardiomyocytes by insulin and dexamethasone. *Biochem J.* 327: 439-442.

Estrada, D.E., Ewart, H.S., Tsakiridis, T., Volchuk, A., Ramlal, T., Tritschler, H., Klip, A. (1996) Stimulation of glucose uptake by a natural coenzyme,  $\gamma$ -lipoic acid: participation of elements of the insulin signaling pathway. *Diabetes* 45: 1798-1804.

Ramlal T., Ewart, H.S., Somwar, R., Deems, R.O., Valentin M.A., Young, D.A., Klip, A. (1996) Muscle subcellular localization and recruitment by insulin of glucose transporters and Na<sup>+</sup>/K<sup>+</sup>-ATPase subunits in transgenic mice overexpressing the GLUT-4 glucose transporter. *Diabetes* 45: 1516-1523.

Volchuk, A., Wang, Q., Ewart, H.S., Liu, Z., He, L., Bennett, M.K., Klip, A. (1996) Syntaxin 4 in 3T3-L1 adipocytes: regulation by insulin and participation in insulin-dependent glucose transport. *Mol. Biol. Cell* 7: 1075-1082.

Ewart, H.S., Qian, D., Brosnan, J.T. (1995) Activation of hepatic glutaminase in the endotoxin-treated rat. *J. Surg. Res.* 59: 245-249.

Ewart, H.S., Brosnan, J.T. (1993) Rapid activation of hepatic glutaminase in rats fed on a single high-protein meal. *Biochem. J.* 293: 339-344.

Ewart, H.S., Jois, M., Brosnan, J.T. (1992) Rapid stimulation of the hepatic glycine cleavage system in rats fed on a single high-protein meal. *Biochem. J.* 283: 441-447.

Jois, M., Ewart, H.S., Brosnan, J.T. (1992) Regulation of glycine catabolism in rat liver mitochondria. *Biochem. J.* 283: 435-439.

Ewart, H.S., Driedzic, W.R. (1990) Enzyme activity levels underestimate lactate production rates in cod (*Gadus morhua*) gas gland. *Can. J. Zool.* 68: 193-197.

Ewart, H.S., Carty, A.A., Driedzic, W.R. (1988) Scaling of cardiac oxygen consumption and enzyme activity levels in sea raven (*Hemitripterus americanus*). *Physiol. Zool.* 61: 50-56.

Ewart, H.S., Driedzic, W.R. (1987) Enzymes of energy metabolism in salmonid hearts: spongy versus cortical myocardia. *Can. J. Zool.* 65: 623-627.

### Chapters in books

Tsakiridis, T., Ewart, H.S., Ramlal, T., Volchuk, A., Estrada, D.E., Tritschler, H., Klip, A. (1997)  $\alpha$ -lipoic acid stimulates glucose transport in muscle and adipose cells in culture: comparison with the actions of insulin and dinitrophenol. In: Thioctic Acid in Health and Disease (J. Fuchs, L. Packer, and G. Zimmer, eds.) Marcel Dekker, Inc., New York. pp. 87-98.

Brosnan, J.T., Ewart, H.S., Squires, S.A. (1995) Hormonal control of hepatic glutaminase. *Advan. Enzyme Regul.* 35: 131-146.

Brosnan, J.T., Ewart, H.S., Squires, S.A., Day, S.H., Kovacevic, Z., Brosnan, M.E. (1994) Hormonal and dietary control of hepatic glutamine metabolism. *Contrib. Nephrol.* 110: 109-114.

### Abstracts

Ewart, H.S., Shimoni, Y., Severson, D.L. (1998)  $K^+$  currents in insulin-resistant rat models of diabetes. *J. Physiology* 511.P: 148P.

Ewart, H.S., Severson, D.L. (1998) Regulation of cardiac lipoprotein lipase. *Cardiovascular/Lipid & Lipoprotein Research Group Retreat*, University of Alberta, Edmonton.

Shimoni, Y., Ewart, H.S., Severson, D.L. (1997) Effects of insulin on cardiac  $K^+$  currents. *Canadian Diabetes Association Professional Conference and Annual Meetings*. Windsor, Ontario. *J. Diabetes Care* (Suppl): 55A.

Severson, D.L., Ewart, H.S., Anderson, L. (1997) Metabolic and hormonal regulation of cardiac lipoprotein lipase. *Lipoprotein Metabolism, Obesity and Atherosclerosis (Satellite Symposium of the XIth International Symposium on Atherosclerosis)*. Saint-Malo, France.

Ewart, H.S., Carroll, R., Severson, D.L. (1997) Lipoprotein lipase activity is stimulated in rat cardiomyocytes by insulin and dexamethasone. *J. Mol. Cell. Cardiol.* 29: A160

Ewart, H.S., Severson, D.L. (1997) Stimulation of lipoprotein lipase in rat cardiomyocytes by insulin and dexamethasone. *Cardiovascular/Lipid & Lipoprotein Research Group Retreat*, University of Alberta, Edmonton.

Ramlal T., Ewart, H.S., Deems, R.O., Valentin M.A., Young, D.A., Klip, A. (1996) Insulin induced translocation of glucose transporter and  $Na^+/K^+$ -pump isoforms in skeletal muscle of transgenic mice overexpressing the human GLUT4 glucose transporter. *Diabetes* 45 (Suppl 2): 246A.

Brosnan, J. T., Ewart, H.S., Squires, S.A., Day, S H., Kovacevic, Z., Brosnan, M.E. (1993) Hormonal and dietary control of hepatic glutamine catabolism. *6th International Workshop on Renal Ammoniagenesis and Interorgan Cooperation in Acid-base Homeostasis*. Villa Hanbury, Mortola, Italy.

Ewart, H.S., Jois, M., Brosnan, J.T. (1992) Acute regulation of hepatic glutaminase in rats fed a single high protein meal. *35th Annual Meeting CFBS*: 262.

Squires, S.A., Ewart, H.S., Hall, B., Brosnan, J.T. (1992) How does glucagon activate a mitochondrial enzyme ? - Effects of okadaic acid on glutaminase in intact hepatocytes. *35th Annual Meeting CFBS*: 259.

Ewart, H.S., Jois, M., Brosnan, J.T. (1991) Activation of amino acid metabolism following a single high protein meal. *FASEB J.* 5: A1305.

Ewart, H.S., Jois, M., Brosnan, J.T. (1990) Liver mitochondria from rats fed a high protein diet or meal show enhanced glycine catabolism. *FASEB J.* 4: A3124.

Ewart, H.S., Jois, M., Brosnan, J.T. (1990) Liver mitochondria from rats fed a high protein diet or meal show enhanced glycine catabolism. 33rd Annual Meeting CFBS: 280a.

- 4) To determine the effect of our dietary supplement on serum cholesterol and triglyceride levels, the following experimental protocol was followed:

Eighteen male albino guinea pigs (approximately 17 days of age) were divided into two groups, one that would be fed our dietary supplement, the other would be given a corn-oil supplemented diet. The animals were given free access to water, (supplemented with 200 mg/L ascorbic acid) and were fed normal guinea pig diet for seven days until the supplemented diets were ready. Two days into this feeding schedule, blood was collected. The serum cholesterol and triglyceride levels in the blood from this collection serve as baseline values.

The two groups of guinea pigs were then each started separately on our dietary supplement and a control diet that did not contain added cholesterol. These diets were maintained for 1 week.

Each group was then respectively fed, for the remainder of the experiment, our dietary supplement and the control diet that contained added cholesterol. Two days after the start of these diets, blood was collected again. The serum cholesterol and triglyceride levels were measured.

On termination of the feeding schedule, blood was again collected from the guinea pigs, which were then sacrificed. The serum cholesterol and triglyceride levels were measured.

Serum cholesterol and triglyceride levels were measured using a Vitros Analyser System.

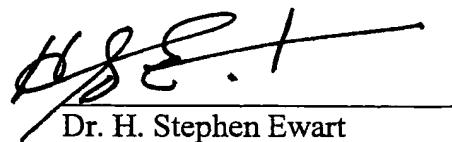
- 5) Exhibit A is a copy of a machine printout showing the raw data collected from the Analyser in which the cholesterol and triglyceride levels for each blood sample are shown.
- 6) Exhibit B is a copy of tables showing the compiled data for cholesterol and triglyceride levels in the blood samples for which the raw data is shown in Exhibit A.
- 7) The compiled data clearly shows that serum cholesterol and triglyceride levels are lower in animals being fed our dietary supplement as opposed to the control animals, both after two days of being fed the dietary supplement (collection 2) and after over two weeks (collection 3).
- 8) From this experiment, it is evident that our dietary supplement has both a cholesterol and a triglyceride lowering effect in the blood of an animal.

9) The dietary supplement used in these guinea pig experiments was the esterification product between:

- i) Max EPA (a fish oil concentrate containing 55% of docosahexaenoic acid (DHA) and eicosapentaenoic acid (EPA)); and,
- ii) a mixture of phytosterols in which stigmasterol was the major component.

10) I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

March 27/2001  
Date

  
\_\_\_\_\_  
Dr. H. Stephen Ewart

## Exhibit A

1

## Total cholesterol TAG

ANALYZER NAME: E2501

LABORATORY REPORT

\*\* ROUTINE \*\*\* PATIENT NAME: GP1, Case 1 DATE: Jul 19 00  
 SAMPLE ID: A11 POS: 1 TRAY: GUINEA1 TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 12:58:44

Baseline values

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.32	mmol/L	ALKP		
Mg			TRIG	.64	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

STR DL :

\*\* ROUTINE \*\*\* PATIENT NAME: GP2, Case 2 DATE: Jul 19 00  
 SAMPLE ID: A22 POS: 2 TRAY: GUINEA1 TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 12:59:20

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.16	mmol/L	ALKP		
Mg			TRIG	.49	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

STR DL :

\*\* ROUTINE \*\*\* PATIENT NAME: GP3 Case 2 DATE: Jul 19 00  
 SAMPLE ID: A23 POS: 3 TRAY: GUINEA1 TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 12:59:56

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.47	mmol/L	ALKP		
Mg			TRIG	.70	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

STR DL :

## BORATORY REPORT

ANALYZER NAME: E2501

Baseline Values continued

\*\* ROUTINE \*\*\* PATIENT NAME: GP2, Cage 3 DATE: Jul 19 00  
 MPLE ID: A31 POS: 4 TRAY: GUINEA1 TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:00:32

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.16	mmol/L	ALKP		
Mg			TRIG	.55	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

STR DL :

\*\* ROUTINE \*\*\* PATIENT NAME: GP2, Cage 3 DATE: Jul 19 00  
 MPLE ID: A32 POS: 5 TRAY: GUINEA1 TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:01:08

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.36	mmol/L	ALKP		
Mg			TRIG	.68	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

STR DL :

\*\* ROUTINE \*\*\* PATIENT NAME: GP3, Cage 3 DATE: Jul 19 00  
 MPLE ID: A33 POS: 6 TRAY: GUINEA1 TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:01:44

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.37	mmol/L	ALKP		
Mg			TRIG	.76	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

STR DL :

70%  
cholesterol

(No TAG)

26

## LABORATORY REPORT

ANALYZER NAME: E2501

\*\*\* ROUTINE \*\*\* PATIENT NAME: DATE: Jun 20 00  
AMPLE ID: PV1C POS: 1 TRAY: LAURA TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 11:51:33

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	3.62	mmol/L	ALKP		
Mg			TRIG			LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGYN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			*SAT		

NOT DINE  
SAMPLES

ISTR DL

\*\*\* ROUTINE \*\*\* **PATIENT NAME:** DATE: Jun 20 00  
**AMPLE ID:** PV2C **POS:** 2 **TRAY:** LAURA **TRACK:** 1 **FLUID:** SERUM **MAN DIL:** 1.0000 **TIME:** 11:51:57

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	6.59	mmol/L	ALKP		
Mg			TRIG			LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

Not ours

VSTR DL :

~~REB~~ Total cholesterol

\*\*\* ROUTINE \*\*\* PATIENT NAME: Baseline 3, Cages DATE: Jun 20 00  
AMPLE ID: CAGES-3C POS: 3 TRAY: LAURA TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 11:52:19

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	** 1.23 mmol/L	OR	ALKP		
Mg			TRIG			LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGYN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

NSTR DL :

26

~~TELE~~ Total cholesterol - N<sup>o</sup> 749

LABORATORY REPORT

ANALYZER NAME: E2501

\*\*\* ROUTINE \*\*\* PATIENT NAME: Baseline 2, Cages DATE: Jun 20 00  
SAMPLE ID: CAGES5-2C POS: 4 TRAY: LAURA TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 11:52:40

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB	>		AST		
Cl-			CHOL	1.17	mmol/L OR	ALKP		
Mg			TRIG			LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGYN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			ASAT		

ISTR DL

\*\* ROUTINE \*\* PATIENT NAME: Baseline 1, Cage 4 DATE: Jun 20 00  
SAMPLE ID: CAGE4-1C POS: 5 TRAY: LAURA TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 11:53:02

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	2.08	mmol/L	ALKP		
Mg			TRIG			LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGYN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

4STR DL :

\*\* ROUTINE \*\* PATIENT NAME: Baseline 2, Cage 1 DATE: Jun 20 00  
AMPLE ID: CAGE1-2C POS: 6 TRAY: LAURA TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 11:53:23

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Nat			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.50	mmol/L	ALKP		
Mg			TRIG			LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

**NSTR DL**

(3)

LABORATORY REPORT

*Baseline Values continued*

ANALYZER NAME: E2501

\*\* ROUTINE \*\*

PATIENT NAME: GP1, Cage 6

DATE: Jul 19 00

AMPLE ID: A61

POS: 7 TRAY: GUINEA1

TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:02:19

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.40 mmol/L		ALKP		
Mg			TRIG	.83 mmol/L		LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

STR DL :

\*\* ROUTINE \*\*

PATIENT NAME: GP2, Cage 6

DATE: Jul 19 00

AMPLE ID: A62

POS: 8 TRAY: GUINEA1

TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:02:55

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.20 mmol/L OR		ALKP		
Mg			TRIG	.61 mmol/L		LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

STR DL :

\*\* ROUTINE \*\*

PATIENT NAME: Control 1 G1

DATE: Jul 19 00

AMPLE ID: B11

POS: 9 TRAY: GUINEA1

TRACK: 1 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:03:31

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.80 mmol/L		ALKP		
Mg			TRIG	1.53 mmol/L		LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

STR DL :

## Blood Collection #2

14

LABORATORY REPORT Control 2 Cage 1

ANALYZER NAME: E2501

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.77	mmol/L	ALKP		
Mg			TRIG	.73	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			D6XN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

JSTR DL :

\*\*\* ROUTINE \*\*\* PATIENT NAME: ON 2, Cage 5 DATE: Jul 19 00  
AMPLE ID: B52 POS: 1 TRAY: GUINEA 3 TRACK: 2 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:07:21

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.16	mmol/L	OR		ALKP
Mg			TRIG	.90	mmol/L			LDH
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THED			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

VSTR\_DL :;

\*\*\* ROUTINE \*\*\* PATIENT NAME: ON 3, Cage 5 DATE: Jul 19 00  
AMPLE ID: B53 POS: 2 TRAY: GUINEA 3 TRACK: 2 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:07:56

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP				ALT	
K+			ALB				AST	
C1-			CHOL	** 1.19 mmol/L	OR		ALKP	
Mg			TRIG	.59 mmol/L			LDH	
GLU			NBIL				CK	
UREA			Bc				AMYL	
CREA			Bu				GGT	
Ca			LAC				DGXN	
PHOS			THEO				PHYT	
URIC			AMON					
Fe			TIBC				%SAT	

NSTR DL ;

6

## LABORATORY REPORT

ANALYZER NAME: E2501

\*\*\* ROUTINE \*\*\* PATIENT NAME: ON2 Cage 6 DATE: Jul 19 00  
AMPLE ID: B62 POS: 3 TRAY: GUINEA 3 TRACK: 2 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:08:32

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	< 1.16 mmol/L	OR	ALKP		
Mg			TRIG	.66 mmol/L		LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

STR DL i

\*\*\* ROUTINE \*\*\* PATIENT NAME: ON3, Cage 6 DATE: Jul 19 00  
AMPLE ID: B63 POS: 4 TRAY: GUINEA 3 TRACK: 2 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:09:07

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.42	mmol/L	ALKP		
Mg			TRIG	.80	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

NSTR DL :

\*\*\* ROUTINE \*\*\* *Collection 3* PATIENT NAME: *Control 1, Cage 1* DATE: Jul 19 00  
AMPLE ID: C11 POS: 5 TRAY: GUINEA 3 TRACK: 2 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:09:43

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	2.04	mmol/L	ALKP		
Mg			TRIG	1.06	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

NSTR DL ;

(6)

LABORATORY REPORT Collection 3 continued

ANALYZER NAME: E2501

\*\*\* ROUTINE \*\*\* PATIENT NAME: *Control 2, Cage 1* DATE: Jul 19 00  
AMPLE ID: C12 POS: 6 TRAY: GUINEA 3 TRACK: 2 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:10:19

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	2.38	mmol/L	ALKP		
Mg			TRIG	.69	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGYN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			*SAT		

4STR DL :

NSTR DI

NSTR DL :

(7)

## LABORATORY REPORT

### Collection 3 Continued

ANALYZER NAME: E2501

\*\*\* ROUTINE \*\*\*

PATIENT NAME: Control 2, Cage 2 DATE: Jul 19 00  
POS: 9 TRAY: GUINEA 3 TRACK: 2 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:12:06

DATE: Jul 19 00

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP				ALT	
K+			ALB				AST	
Cl-			CHOL	1.89	mmol/L		ALKP	
Mg			TRIG	.75	mmol/L		LDH	
GLU			NBIL				CK	
UREA			Bc				AMYL	
CREA			Bu				GGT	
Ca			LAC				DGXN	
PHOS			THEO				PHYT	
URIC			AMON					
Fe			TIBC				%SAT	

4STR DL

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PATIENT NAME: *Control 3, Cage 2* DATE: Jul 19 00  
PPC: 10 TRQX: 0 CHNNE: 3 TRQX: 3 FLXIP: 0 SERUM: MON BIL: 1.0000 TIME: 13:12:42

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
C1-			CHOL	1.96	mmol/L	ALKP		
Mg			TRIG	.83	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

NSTR DL :

118 **ROUTINE** 118

PATIENT NAME: *Controle 1, Caged 3* DATE: Jul 19 00  
PPN: 4 TROPY: 0.00004 TROPY: 0.00004 FLUID: SERUM MON. BIL: 1.00000 TIME: 13:16:04

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
C1-			CHOL	2.05	mmol/L	ALKP		
Mg			TRIG	.90	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGYN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			*SAT		

INSTR DL :

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## LABORATORY REPORT

### Collection 3 continues

ANALYZER NAME: E2501

\*\*\* ROUTINE \*\*\* PATIENT NAME: *Control 2, cage 3* DATE: Jul 19 00  
AMPLE ID: C32 POS: 2 TRAY: GUINEA 4 TRACK: 3 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:16:39

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	2.06	mmol/L	ALKP		
Mg			TRIG	.90	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			ASAT		

ISTR DL :

\*\* ROUTINE \*\*\* PATIENT NAME: *Conrad 3, Age 3.* DATE: Jul 19 00  
SAMPLE ID: C33 POS: 3 TRAY: GUINNESS 4 TRACK: 3 FLUID: SERUM MON DIL: 1.0000 TIME: 13:17:15

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	2.36	mmol/L	ALKP		
Mg			TRIG	.87	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

4STR DL :

\*\*\* ROUTINE \*\*\* PATIENT NAME: ON1, Cage 4 DATE: Jul 19 00  
AMPLE ID: C41 POS: 4 TRAY: GUINEA 4 TRACK: 3 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:17:50

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.35	mmol/L	ALKP		
Mg			TRIG	.65	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

VSTR DL ;

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LABORATORY REPORT

### Collection 3 continued

ANALYZER NAME: E2501

\*\*\* ROUTINE \*\*\* PATIENT NAME: ON2, Cage 4 DATE: Jul 19 00  
SAMPLE ID: C42 POS: 5 TRAY: GUINEA 4 TRACK: 3 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:18:26

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP				ALT	
K+			ALB				AST	
Cl-			CHOL	( 1.16	mmol/L	OR	ALKP	
Mg			TRIG	.48	mmol/L		LDH	
GLU			NBIL				CX	
UREA			Bc				AMYL	
CREA			Bu				GGT	
Ca			LAC				DGXN	
PHOS			THEO				PHYT	
URIC			AMON					
Fe			TIBC				ASAT	

**INSTR DL:**

\*\*\* ROUTINE \*\*\* PATIENT NAME: *ON3, Cage 4* DATE: Jul 19 00  
SAMPLE ID: C43 POS: 6 TRAY: GUINEA 4 TRACK: 3 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:19:02

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
C1-			CHOL	( 1.16	mmol/L	OR		ALKP
Mg			TRIG	.45	mmol/L			LDH
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

INSTR DL :

\*\*\* ROUTINE \*\*\* PATIENT NAME: *ON1, Cage 5* DATE: Jul 19 00  
SAMPLE ID: CS1 POS: 7 TRAY: GUINEA 4 TRACK: 3 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:19:38

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
C1-			CHOL	** 1.27	mmol/L	DR		ALKP
Mg			TRIG	.61	mmol/L			LDH
GLU			NBIL					CK
UREA			Bc					AMYL
CREA			Bu					GGT
Ca			LAC					DGXN
PHOS			THEO					PHYT
URIC			AMON					
Fe			TIBC					%SAT

INSTR DL :

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## LABORATORY REPORT

Collection 3 continued

ANALYZER NAME: E2501

\*\*\* ROUTINE \*\*\* PATIENT NAME: ON2, Cages DATE: Jul 19 00  
AMPLE ID: CS2 POS: 8 TRAY: GUINEA 4 TRACK: 3 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:20:14

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	( 1.16	mmol/L	OR		ALKP
Mg			TRIG	.56	mmol/L			LDH
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			*SAT		

NSTR DL : ;

\*\*\* ROUTINE \*\*\* PATIENT NAME: ON3, Cage 5 DATE: Jul 19 00  
SAMPLE ID: CS2 RDS: 9 TROY: GUNNED 6 TRACK: 3 FLUID: SERUM MON DTI: 1.0000 TIME: 13:30:49

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.31	mmol/L	ALKP		
Mg			TRIG	.55	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			*SAT		

NSTR DL :

\*\*\* ROUTINE \*\*\* PATIENT NAME: 0N1, Case 6 DATE: Jul 19 00  
AMPLE ID: C61 POS: 10 TRAY: GUINEA 4 TRACK: 3 FLUID: SERUM MAN DIL: 1,0000 TIME: 13:21:32

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	( 1.16	mmol/L	OR		ALKP
Mg			TRIG	.84	mmol/L			LDH
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			*SAT		

INSTR DL :

## LABORATORY REPORT

Collection 2

ANALYZER NAME: E2501

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\*\* ROUTINE \*\*

AMPLE ID: B13 PATIENT NAME: Control 3, Cage 1 DATE: Jul 19 00

POS: 1 TRAY: GUNIEA 2 TRACK: 4 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:22:57

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	** 1.25	mmol/L OR	ALKP		
Mg			TRIG	.93	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGYN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

ISTR DL :

\*\* ROUTINE \*\*

AMPLE ID: B22 PATIENT NAME: Control 3, Cage 2 DATE: Jul 19 00

POS: 2 TRAY: GUNIEA 2 TRACK: 4 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:23:34

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.38	mmol/L	ALKP		
Mg			TRIG	.84	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGYN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

ISTR DL :

\*\* ROUTINE \*\*

AMPLE ID: B21 PATIENT NAME: Control 2, Cage 2 DATE: Jul 19 00

POS: 3 TRAY: GUNIEA 2 TRACK: 4 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:24:10

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.37	mmol/L	ALKP		
Mg			TRIG	.85	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGYN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

ISTR DL :

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## LABORATORY REPORT

## Collection 2 continued:

ANALYZER NAME: E2501

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.52	mmol/L	ALKP		
Mg			TRIG	.71	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

NSTR DL :

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
C1-			CHOL	1.73	mmol/L	ALKP		
Mg			TRIG	.81	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGZN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

INSTR DL

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
C1-			CHOL	2.01	mmol/L	ALKP		
Mg			TRIG	.92	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

INSTR DL ;

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LABORATORY REPORT

Collection 2

ANALYZER NAME: E2501

\*\*\* ROUTINE \*\*\*

AMPLE ID: B41 PATIENT NAME: ON1, Cage 4 DATE: Jul 19 00

POS: 7 TRAY: GUNIEA 2 TRACK: 4 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:26:33

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+		TP				ALT		
K+		ALB				AST		
Cl-		CHOL	<	1.16	mmol/L	OR		ALKP
Mg		TRIG		.69	mmol/L			LDH
GLU		NBIL				CK		
UREA		Bc				AMYL		
CREA		Bu				GGT		
Ca		LAC				DGXN		
PHOS		THEO				PHYT		
URIC		AMON						
Fe		TIBC				XSAT		

NSTR DL :

\*\*\* ROUTINE \*\*\*

AMPLE ID: B42 PATIENT NAME: ON2, Cage 4 DATE: Jul 19 00

POS: 8 TRAY: GUNIEA 2 TRACK: 4 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:27:16

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+		TP				ALT		
K+		ALB				AST		
Cl-		CHOL	**	1.17	mmol/L	OR		ALKP
Mg		TRIG		1.26	mmol/L			LDH
GLU		NBIL				CK		
UREA		Bc				AMYL		
CREA		Bu				GGT		
Ca		LAC				DGXN		
PHOS		THEO				PHYT		
URIC		AMON						
Fe		TIBC				XSAT		

NSTR DL :

\*\*\* ROUTINE \*\*\*

AMPLE ID: B43 PATIENT NAME: ON3, Cage 4 DATE: Jul 19 00

POS: 9 TRAY: GUNIEA 2 TRACK: 4 FLUID: SERUM MAN DIL: 1.0000 TIME: 13:28:06

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+		TP				ALT		
K+		ALB				AST		
Cl-		CHOL	<	1.16	mmol/L	OR		ALKP
Mg		TRIG		.59	mmol/L			LDH
GLU		NBIL				CK		
UREA		Bc				AMYL		
CREA		Bu				GGT		
Ca		LAC				DGXN		
PHOS		THEO				PHYT		
URIC		AMON						
Fe		TIBC				XSAT		

NSTR DL :

## LABORATORY REPORT

ANALYZER NAME: E2501

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	< 1.16 mmol/L	OR	ALKP		
Mg			TRIG	.66 mmol/L		LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

45TR DL :

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## LABORATORY REPORT

## Collection 2

ANALYZER NAME: E2501

## THE ROUTINE

PATIENT NAME: *ON 1, cages* DATE: Jul 19 00  
POS: 10 TRAY: GUNIEA 2 TRACK: 4 FLUID: SERUM MAN DIL: 1:0000 TIME: 13:28:42

DATE: Jul 19 00

TIME: 13:28:42

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.31	mmol/L	ALKP		
Mg			TRIG	.70	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			D6XN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

15TR DL : :

~~Cottrellm3~~

ON2, cage 6

DATE: Jul 19 00

TIME: 13:29:30

\*\* ROUTINE \*\*  
IMPLE ID: C62

PATIENT NAME: ON 2, age 3 DATE: JUL 19 00

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Na+			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.59	mmol/L	ALKP		
Mg			TRIG	.71	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			XSAT		

4STR DL :

~~Colleen 3~~

PATIENT NAME: ON3, Cage 6

DATE 1-1-49 22

\*\*\* ROUTINE \*\*\*  
AMPLE ID: C63

PATIENT NAME: 3747, 337, 33 DATE: JUL 19 00

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
Nat			TP			ALT		
K+			ALB			AST		
Cl-			CHOL	1.70	mmol/L	ALKP		
Mg			TRIG	.73	mmol/L	LDH		
GLU			NBIL			CK		
UREA			Bc			AMYL		
CREA			Bu			GGT		
Ca			LAC			DGXN		
PHOS			THEO			PHYT		
URIC			AMON					
Fe			TIBC			%SAT		

NSTR DL :

# Exhibit B

## Datachol

Total Chol (mmol/L)							
<u>Collection 1</u>							
		Cage 1	#1	1.32			
			#2	1.50			
		Cage 2	#2	1.16			
			#3	1.47			
		Cage 3	#1	1.16			
			#2	1.36			
			#3	1.36			
		Cage 4	#1	2.08			
		Cage 5	#2	1.17			
			#3	1.23			
		Cage 6	#1	1.40			
			#2	1.20			
		<u>Mean (SD)</u>		1.48 (0.12)			
<u>Collection 2</u>		<u>Control</u>		<u>Supplement</u>			
(2 days on Chol enrichment)							
		Cage 1	#1	1.80	Cage 4	#1	1.16
			#2	1.77		#2	1.17
			#3	1.25		#3	1.16
		Cage 2	#2	1.37	Cage 5	#1	1.31
			#3	1.38		#2	1.16
						#3	1.19
		Cage 3	#1	2.04	Cage 6	#2	1.16
			#2	2.38		#3	1.42
			#3	1.79			
		<u>Mean (SD)</u>		1.72 (0.38)	<u>Mean (SD)</u>		1.22 (0.10)
<u>Collection 3</u>		<u>Control</u>		<u>Supplement</u>			
		Cage 1	#1	2.04	Cage 4	#1	1.35
			#2	2.38		#2	1.16
			#3	1.79		#3	1.16
		Cage 2	#1	1.92	Cage 5	#1	1.27
			#2	1.89		#2	1.16
			#3	1.96		#3	1.31
		Cage 3	#1	2.05	Cage 6	#1	1.16
			#2	2.06		#2	1.59
			#3	2.36		#3	1.70
		<u>Mean (SD)</u>		2.05 (0.20)	<u>Mean (SD)</u>		1.32 (0.20)

## DataTAG

Triacylglycerides (mmol/L)					
Collection 1	Baseline				
	Cage 1	#1	0.61		
	Cage 2	#2	0.49		
		#3	0.70		
	Cage 3	#1	0.55		
		#2	0.68		
		#3	0.76		
	Cage 6	#1	0.83		
		#2	0.61		
	Mean (SD)		0.665 (0.310)		
Collection 2					
Collection 2	Control			Supplement	
	Cage 1	#1	1.53	Cage 4	#1 0.69
		#2	0.73		#2 1.26
		#3	0.93		#3 0.59
	Cage 2	#2	0.85	Cage 5	#1 0.70
		#3	0.84		#2 0.90
					#3 0.59
	Cage 3	#1	0.71	Cage 6	#2 0.66
		#2	0.81		#3 0.80
		#3	0.92		
	Mean (SD)		0.92 (0.26)	Mean (SD)	0.77 (0.22)
Collection 3					
Collection 3	Control			Supplement	
	Cage 1	#1	1.06	Cage 4	#1 0.65
		#2	0.69		#2 0.48
		#3	0.67		#3 0.45
	Cage 2	#1	1.16	Cage 5	#1 0.61
		#2	0.75		#2 0.56
		#3	0.83		#3 0.55
	Cage 3	#1	0.90	Cage 6	#1 0.84
		#2	0.90		#2 0.71
		#3	0.87		#3 0.73
	Mean (SD)		0.87 (0.16)	Mean (SD)	0.62 (0.13)

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